CUMULATIVE INDEXES

VOLUMES 5-9

INDEX OF CONTRIBUTING AUTHORS

A

Ahlquist, R. P., 8:259
Alper, M. H., 9:273
Andén, N.-E., 9:119
Anichkov, S. V., 8:25
Arnaud, C. D., 8:319

B

Baer, J. E., 6:261
Baker, N. F., 8:213
Beyer, K. H., 6:261
Blinks, J. R., 8:113
Bloom, F. E., 5:213; 8:229
Boura, A. L. A., 5:183
Brady, J. V., 5:235
Brekhman, I. I., 9:419
Burchall, J. J., 5:53
Burger, A., 6:19
Burn, J. H., 5:163; 9:1
Burnstock, G., 6:129
Bush, M. T., 7:57

C

Cafruny, E. J., 8:131
Carlsson, A., 9:119
Cavallito, C. J., 8:39
Cherkin, A., 9:259
Chirigos, M. A., 9:431
Chopra, R. N., 5:1
Clarke, B. F., 5:151
Cohen, S., 7:301
Copp, D. H., 9:327
Costa, E., 5:213
Cottrell, G. A., 8:273
Crawford, J. M., 9:209
Creasey, W. A., 9:51
Curtis, D. R., 9:209

D

Dardymov, I. V., 9:419
del Pozo, E. C., 6:9
Demis, D. J., 9:457
Dirks, J. H., 9:73
Done, A. K., 6:189
Douglas, J. R., 8:213
Dragstedt, C. A., 6:1
Duncan, L. J. P., 5:151

E

Edman, K. A. P., 5:99
Eggers, H. J., 6:231
Elion, G. B., 9:345
Eränkö, O., 7:203

F

Ferone, R., 5:53
Ferry, C. B., 7:185
Fink, M., 9:241
Firkin, B. G., 9:95
Flacke, W., 9:273
Fletcher, A. P., 6:89
Florey, E., 5:357
Forney, R. B., 9:379
Fraser, H. F., 7:277
Frazer, A. C., 7:319

G

Giarman, N. J., 8:229
Gitelman, H. J., 6:77
Gollub, L. R., 5:235
Grant, W. M., 9:85
Green, A. F., 5:183
Greengard, P., 6:405

H

Haddy, F. J., 6:49
Häggendal, J., 9:119
Harger, R. N., 9:379
Harris, L. S., 7:277
Hawker, C. D., 8:319
Hayes, W. J., Jr., 5:27
Heidelberger, C., 7:101
Heymans, C., 7:1
Hitchings, G. H., 5:53; 9:345
Hodge, H. C., 8:395
Hollister, L. E., 8:491
Holman, M. E., 6:129
Holz, S., 8:171

I

Izquierdo, I., 7:125
Izquierdo, J. A., 7:125

J

Jackson, H., 8:467
Jawetz, E., 8:151
Jewell, B. R., 8:113
Jiménez-Porras, J. M., 8:299

K

Kagan, Ju. S., 6:293
Kahlson, G., 5:305
Kalman, S. M., 9:363
Kalow, W., 5:9
Karczmar, A. G., 7:241
Karnofsky, D. A., 5:447
Knoefel, P. K., 5:321
Kopin, I. J., 8:377
Kraybill, H. F., 7:357
Kuntzman, R., 9:21
Kuzell, W. C., 8:357

L

Lambertsen, C. J., 5:383; 6:327
Lane, C. E., 8:409
Laties, V. G., 9:297
Laverack, M. S., 8:273
Leake, C. D., 5:473; 6:431; 7:409; 8:517; 9:521
Lewis, J. E., 9:147
Loveless, M. H., 6:309
Luduena, F. P., 9:503

M

MacGillivray, G., 8:1
Matsuzaki, F., 5:137
Medved, L. I., 6:293
Michal, F., 9:95
Miller, J. W., 9:147
Milne, M. D., 5:119
Modell, W., 5:285
Mudge, G. H., 7:163
Muscholl, E., 6:107

O

Okamoto, M., 9:173
Oliverio, V. T., 5:335

P

Pardo, E. G., 5:77
Parulkar, A. P., 6:19
Peters, J. H., 8:427
Pinter, K. G., 6:251
Plaa, G. L., 8:337
Porter, C. C., 7:15
Principi, N., 8:453

Q

Quastel, D. M. J., 5:263

R

Raben, M. S., 5:137
Rand, M. J., 5:163
Rasmussen, H., 8:319
Remmer, H., 5:405
Riker, W. F., Jr., 9:173
Ritchie, J. M., 6:405
Rollo, I. M., 6:209
Rosengren, E., 5:305
Rowe, G. G., 8:95
Rundles, R. W., 9:345

S

Sachs, J. R., 6:77
Salmoiraghi, G. C., 5:213
Sanders, E., 7:57
Sartorelli, A. C., 9:51
Schindler, R., 9:393
Schmidt, C. F., 5:383
Schneiden, H., 8:467
Schoental, R., 7:343
Schuster, C. R., 9:483
Scott, J. B., 6:49
Seely, J. F., 9:73
Sereni, F., 8:453
Shepard, C. C., 9:37
Sherlock, S., 5:429
Sherry, S., 6:89
Smith, F. A., 8:395
Stone, C. A., 7:15
Stowe, C. M., 8:337

T

Tamm, I., 6:231
Temple, D. M., 9:407
Tenenhouse, A., 8:319
Thesleff, S., 5:263
Thompson, P. E., 7:77
Thompson, T., 9:483
Tobian, L., 7:399
Toda, N., 7:145
Tyler, E. T., 7:381

V

Vandam, L. D., 6:379
Van der Kloot, W. G., 6:175
Van Itallie, T. B., 6:251
Vargas, R., 5:77
Vidrio, H., 5:77
Volle, R. L., 9:135
Votava, Z., 7:223

W

Wagner, J. G., 8:67
Way, E. L., 8:187
Way, J. L., 8:187
Weiner, I. M., 7:39
Weiss, B., 9:297
Welt, L. G., 6:77
West, T. C., 7:145
Whitehair, L. A., 7:357
Winter, C. A., 6:157
Wyngaarden, J. B., 9:345

Z

Zubrod, C. G., 5:335

INDEX OF CHAPTER TITLES

VOLUMES 5-9

PREFATORY CHAPTERS

Problems and Prospects of a Pharmacological Career in India	R. N. Chopra	5:1-8
Pharmacology in Old and Modern Medicine	C. Heymans	7:1-14
Biography of Arthur Robertson Cushny	H. MacGillivray	8:1-24
Essential Pharmacology	J. H. Burn	9:1-20

BIOCHEMICAL MECHANISMS OF DRUG ACTION

Genetic Factors in Relation to Drugs	W. Kalow	5:9-26
Review of the Metabolism of Chlorinated Hydrocarbon Insecticides Especially in Mammals	W. J. Hayes, Jr.	5:27-52
Biochemical Mechanisms of Drug Action	C. C. Porter, C. A. Stone	7:15-38
Drug Action on Digestive System	S. Holz	8:171-86

RELATIONSHIP BETWEEN STRUCTURE AND BIOLOGICAL ACTIVITY

Relationships Between Chemical Structure and Biological Activity	A. Burger, A. P. Parulkar	6:19-48
Relationships Between Chemical		

Structure and Pharmacological Activities	C. J. Cavallito	8:39-66
MECHANISMS OF DRUG ABSORPTION AND EXCRETION		
Mechanisms of Drug Absorption and Excretion	I. M. Weiner	7:39-56
Pharmacokinetics	J. G. Wagner	8:67-94
Extrarenal Excretion of Drugs and Chemicals	C. M. Stowe, G. L. Plaa	8:337-56
Action of Drugs on Movement of Ocular Fluids	W. M. Grant	9:85-94
METABOLIC FATE		
The Fate of Drugs in the Organism	H. Remmer	5:405-28
Metabolic Fate of Drugs: Barbiturates and Closely Related Compounds	M. T. Bush, E. Sanders	7:57-76
Metabolism of the Alkylphosphate Antagonists and its Pharmacologic Implications	J. L. Way, E. L. Way	8:187-212
ANTIMICROBIAL CHEMOTHERAPY		
Antibacterial Chemotherapy	J. J. Burchall, R. Ferone, G. H. Hitchings	5:53-76
Antibacterial Chemotherapy	I. M. Rollo	6:209-30
Antiviral Chemotherapy	H. J. Eggers, I. Tamm	6:231-50
Parasite Chemotherapy	P. E. Thompson	7:77-100
The Use of Combinations of Antimicrobial Drugs	E. Jawetz	8:151-70
Chemotherapy of Animal Parasites	J. R. Douglas, N. F. Baker	8:213-28
Chemotherapy of Leprosy	C. C. Shepard	9:37-50
In Vivo Therapy of Oncogenic Viruses	M. A. Chirigos	9:431-56
CANCER CHEMOTHERAPY		
Clinical Pharmacology of the Effective Antitumor Drugs	V. T. Oliverio, C. G. Zubrod	5:335-57
Cancer Chemotherapy with Purine and Pyrimidine Analogues	C. Heidelberger	7:101-24
Cancer Chemotherapy	A. C. Sartorelli, W. A. Creasey	9:51-72
CARDIOVASCULAR PHARMACOLOGY		
Antihypertensive Drug Action	E. G. Pardo, R. Vargas, H. Vidrio	5:77-98
Drugs and Properties of Heart Muscle	K. A. P. Edman	5:99-118
Cardiovascular Pharmacology	F. J. Haddy, J. B. Scott	6:49-76
Thrombolytic Agents	A. P. Fletcher, S. Sherry	6:89-106
Drugs and Atherosclerosis	K. G. Pinter, T. B. Van Itallie	6:251-60
Cardiovascular Pharmacology	T. C. West, N. Toda	7:145-62
Pharmacology of the Coronary Circulation	G. G. Rowe	8:95-112
Drugs and the Mechanical Properties of Heart Muscle	B. R. Jewell, J. R. Blinks	8:113-30
Physiological and Pharmacological Aspects of the Platelet	F. Michal, B. G. Firkin	9:95-118
RENAL PHARMACOLOGY		
Renal Pharmacology	M. D. Milne	5:119-36
Renal Pharmacology	J. E. Baer, K. H. Beyer	6:261-92
Renal Pharmacology	G. H. Mudge	7:163-84
Why Do Thiazide Diuretics Lower Blood Pressure in Essential Hypertension?	L. Tobian	7:399-408
Renal Pharmacology	E. J. Cafruny	8:131-50
Micropuncture and Diuretics	J. H. Dirks, J. F. Seely	9:73-84
Drugs and Uric Acid	R. W. Rundles, J. B. Wyngaarden, G. H. Hitchings, G. B. Elion	9:345-62
EFFECTS OF DRUGS ON CENTRAL NERVOUS SYSTEM		
Pharmacology of Central Synapses	G. C. Salmoiraghi, E. Costa, F. E. Bloom	5:213-34
Anesthesia	L. D. Vandam	6:379-404

On the Mode of Action of Local Anesthetics	J. M. Ritchie, P. Greengard	6:405-30
Narcotic and Narcotic Antagonist Analgesics	H. F. Fraser, L. S. Harris	7:277-300
Physiologic and Pharmacologic Considerations of Biogenic Amines in the Nervous System	F. E. Bloom, N. J. Giarman	8:229-58
Central Synaptic Transmission — Microelectrophoretic Studies	D. R. Curtis, J. M. Crawford	9:209-40
Mechanisms of General Anesthesia by Non-Hydrogen-Bonding Molecules	A. Cherkin	9:259-72
The Peripheral Effects of Anesthetics	M. H. Alper, W. Flacke	9:273-96
Duration of Local Anesthesia	F. P. Luduena	9:503-20
PHARMACOLOGY OF AUTONOMIC NERVOUS SYSTEM		
Acetylcholine in Adrenergic Transmission	J. H. Burn, M. J. Rand	5:163-82
Adrenergic Neurone Blocking Agents	A. L. A. Boura, A. F. Green	5:183-212
Autonomic Nervous System: Newer Mechanisms of Adrenergic Blockade	E. Muscholl	6:107-28
The Autonomic Nervous System	C. B. Ferry	7:185-202
False Adrenergic Transmitters	I. J. Kopin	8:377-94
Adrenergic Mechanisms	N.-E. Andén, A. Carlsson, J. Häggendal	9:119-34
Ganglionic Transmission	R. L. Volle	9:135-46
NEUROMUSCULAR PHARMACOLOGY		
Neuromuscular Pharmacology	S. Thesleff, D. M. J. Quastel	5:263-84
Neuromuscular Pharmacology	A. G. Karczmar	7:241-76
Histochemistry of Nervous Tissues: Catecholamines and Cholinesterases	O. Eränkö	7:203-22
Pharmacology of Motor Nerve Terminals	W. F. Riker, Jr., M. Okamoto	9:173-208
EFFECTS OF DRUGS ON SMOOTH MUSCLE		
Effect of Drugs on Smooth Muscle	G. Burnstock, M. E. Holman	6:129-56
Drugs Affecting Smooth Muscle	J. W. Miller, J. E. Lewis	9:147-72
DRUGS AND RESPIRATION		
Drugs and Respiration	C. J. Lambertsen	6:327-78
COMPARATIVE PHARMACOLOGY		
Comparative Pharmacology: Neurotropic and Myotropic Compounds	E. Florey	5:357-83
Comparative Pharmacology	W. G. Van der Kloot	6:175-88
Invertebrate Pharmacology	G. A. Cottrell, M. S. Laverack	8:273-98
ENDOCRINES		
Growth Hormone	F. Matsuzaki, M. S. Raben	5:137-50
Pharmacology and Mode of Action of the Hypoglycaemic Sulphonylureas and Diguanides	L. J. P. Duncan, B. F. Clarke	5:151-62
REPRODUCTION AND FERTILITY		
Antifertility Agents	E. T. Tyler	7:381-98
Pharmacology of Reproduction and Fertility	H. Jackson, H. Schnieden	8:467-90
Effects of Oral Contraceptives	S. M. Kalman	9:363-78
PERINATAL PHARMACOLOGY		
Drugs as Teratogens in Animals and Man	D. A. Karnofsky	5:447-72
Perinatal Pharmacology	A. K. Done	6:189-208
PSYCHOPHARMACOLOGY		
Behavioral Pharmacology	L. R. Gollub, J. V. Brady	5:235-62
Psychotomimetic Agents	S. Cohen	7:301-18
Human Pharmacology of Antipsychotic and Antidepressant Drugs	L. E. Hollister	8:491-516
EEG and Human Psychopharmacology	M. Fink	9:241-58
Behavioral Pharmacology and Toxicology	B. Weiss, V. G. Laties	9:297-326
Self Administration of and Behavioral		

Dependence on Drugs	C. R. Schuster, T. Thompson	9:483-502
TOXICOLOGY		
Drug-Induced Diseases	W. Modell	5:285-304
Toxicology	L. I. Medved, Ju. S. Kagan	6:293-308
Pesticides	A. C. Frazer	7:319-42
Aflatoxins	R. Schoental	7:343-56
Toxicological Safety of Irradiated Foods	H. F. Kraybill, L. A. Whitehair	7:357-80
Toxins of Marine Origin	C. E. Lane	8:409-26
Toxicology of Ethanol	R. B. Forney, R. N. Harger	9:379-92
ALLERGY AND DRUG SENSITIVITY		
Hepatic Reactions to Therapeutic Agents	S. Sherlock	5:429-46
Antibodies of Atopy and Serum Disease in Man	M. H. Loveless	6:309-26
Allergy and Drug Sensitivity of Skin	D. J. Demis	9:457-82
ELECTROLYTES AND MINERAL METABOLISM		
Electrolyte and Mineral Metabolism	L. G. Welt, J. R. Sachs, H. J. Gitelman	6:77-88
Electrolytes and Excitable Tissues	J. A. Izquierdo, I. Izquierdo	7:125-44
Calcitonin and Parathyroid Hormone	D. H. Copp	9:327-44
PHARMACOLOGICALLY ACTIVE SUBSTANCES OF MAMMALIAN ORIGIN		
Histamine	G. Kahlson, E. Rosengren	5:305-21
Pharmacology of Peptides and Proteins in Snake Venoms	J. M. Jiménez-Porras	8:299-318
ENVIRONMENTAL		
Pharmacology in Space Medicine	C. F. Schmidt, C. J. Lambertsen	5:383-405
Fluorides and Man	H. C. Hodge, F. A. Smith	8:395-408
TECHNIQUES		
Radiopaque Diagnostic Agents	P. K. Knoefel	5:321-34
Agents Which Block Adrenergic β-Receptors	R. P. Ahlquist	8:259-72
Use of Cell Culture in Pharmacology	R. Schindler	9:393-406
Isolation Techniques for Pharmacologically Active Substances (Animal)	D. M. Temple	9:407-18
HIGHLIGHTS AND HISTORY OF PHARMACOLOGY		
Sidelights of American Pharmacology	C. A. Dragstedt	6:1-8
Aztec Pharmacology	E. C. del Pozo	6:9-18
Hightlights of Soviet Pharmacology	S. V. Anichkov	8:25-38
MISCELLANEOUS		
Nonsteroid Anti-Inflammatory Agents	C. A. Winter	6:157-74
Thyrocalcitonin	A. Tenenhouse, H. Rasmussen, C. D. Hawker, C. D. Arnaud	8:319-36
Nonsteroid Anti-Inflammatory Agents	W. C. Kuzell	8:357-76
Genetic Factors in Relation to Drugs	J. H. Peters	8:427-52
Developmental Pharmacology	F. Sereni, N. Principi	8:453-66
Drugs and Enzyme Induction	R. Kuntzman	9:21-36
New Substances of Plant Origin Which Increase Nonspecific Resistance	I. I. Brekhman, I. V. Dardymov	9:419-30
REVIEWS OF REVIEWS		
Reviews of Reviews	C. D. Leake	5:473-86 6:431-44 7:409-18 8:517-24 9:521-30